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Horsford's Autumn Supplement MAY 2 5 1917 1 2

HARDY PLANTS

FOR COLD CLIMATES



Fred'k H. Horsford CHARLOTTE, VERMONT



Lilium tenuifolium (Siberian Coral Lily)

INTRODUCTION

INDLY REMEMBER that most of the plants in my spring catalogue may also be set in the fall. Autumn planting, with many, is more popular than spring. When spring planting is left until plants have made considerable growth, if followed by much not sunshine, the plants are less likely to succeed than when set in autumn. This is especially true with woody plants. On the other hand late fall planting should be followed with a good protection or your plants may be injured the first winter.

When dry hot weather follows the setting of many herbaceous perennials, they may be shaded from the sun for a few days and until the rootlets can get a hold and will do much better for this.

Woody plants, shrubs, trees, etc., should not be set until all growth for the season has ceased. This dormant period comes much earlier some years than others. Usually we can begin to ship some of the shrubs by the middle of October in Vermont. Farther south it is much later before it is safe to lift them.

It is important to cover well those set in autumn and the later the setting the more important the covering. Early set tulips and other fall bulbs may not require much covering, but those set late should have it, and almost all herbaceous perennials set in the fall best be well protected against the warmer spells of weather which come in winter. It is the warmer spells followed by extreme cold ones which do the damage. If, when hardy plants are once frozen in for the winter, they could stay so until severe frosts are past in the spring, they would seldom be injured. This covering should not be removed until danger of severe frosts is past.

Kindly remember that those who purchase plants should return them within five days if not satisfactory. After five days I will not replace them. See fourth paragraph, page 2 of my Spring Catalogue.

Those who wish to call me by telephone during shipping season please do so at 12.30 and 6.30 p. m.

LILIES

Most of the Lilies of this list may be sent in September, but a few, like Auratum and all the Speciosums, Sulphureum, and Henryi, are not ripe until last of September or October. Orders will be filled from beds as long as my stock lasts.

Too much cannot be said in favor of planting Lilium candidum early. The autumn growth which it makes before winter is quite essential, both for resisting severe winters and for next year's blooms. If you can't plant it before October wait another year, or plant in spring.

Candidum lilies best not be planted more than 3 or 4 inches under, but in this northern climate we find it best to cover with some straw or swale hay just before winter, and this should be removed in the spring.

For cultural directions and more definite description please see Spring Catalogue, which has been mailed.

The prices do not include postage, but simply bulbs boxed and delivered to my nearest freight or express office.

See spring list for delivery by mail.

I	tach.	Doz.
Lilium auratum	25	\$2 25
L. Canadense (Meadow Lily) per 100, \$6	10	1 15
Lilium canadense var. rubrum	20	
L. Candidum (Madonna Lily) Should be set		
before October, to insure full growth	15	1 50
L. croceum. Golden yellow; blooms next after		
the Dahuricum	15	1 50
L. Dahuricum. No Lily in the world can be		
grown farther north and is more reliable in		
every way than this. It will soon increase		
and form clumps like the Tiger Lily	15	1 50
Lilium elegans alutaceum	15	
L. elegans var. Best Red. A medium kind as		
to height; very vigorous and healthy	15	1 50
L. elegans var. Cloth of Gold	30	3 00

Ea	ch	Doz
er growing taller form with reddish sal-		
mon colored flowers coming with Auratum	20	
into bloom	20	
inches high with large very dark red flow-		
ers fine for massing and a durable kind	12	1 50
L. elegans. Orange red	20	2.00
. elegans var. Thunbergianum per 100, \$5	10	1 00
elegans var. umbellatum	15	
L. elegans var. Wallacei. A fine, low growing		
hardy variety, almost as late as Speciosum		
and with reddish yellow flowers	15	1 4
elegans Mixed		1 0
L. Excelsum. See L. testaceum.		
L. Hansoni. See L. maculatum.		
. Henryi. Somewhat like Speciosum, but has		
orange-yellow flowers. Rare, (\$25 per 100)	35	3 5
Longiflorum. Long funnel-shaped flowers,		
pure white; fine	15	1 5
L. maculatum. (Hansoni). One of the most		
permanent	50	5 0
martagon, purple	20	2 0
Maximowiczi, red	15	1 5
monadelphicum. Erect	50	5 0
. spciosum var. album. Delicate white flow-		
ers	25	2 5
. speciosum roseum. This form has paler rose		
flowers than rubrum	15	1 5
. speciosum var. rubrum. One of the best of		
the Japan lilies; red and white flowers	15	1 5
. speciosum Kratzeri	20	2 0
. speciosum magnificum. In a mass this looks		
somewhat different from the rubrum, but it		
is only a form of that variety	10	1 5

Each Doz	
L. superbum. (American Turk's Cap Lily.) One	
of the taller-growing kinds when well es-	
tablished in rich soil)
L. sulphureum. Long trumpet flower, shaded	
chocolate outside, primrose yellow within 1 00	
L. testaceum (excelsum). A fine and rare Lily,	
with nankeen-yellow flowers on tall and	
graceful stems, rather early in summer 55	
L. tigrinum (Tiger Lily) 08 80	0
L. tigrinum giganteum. A large form 15	
L. tigrinum Fortuni. A large form 15	
L. tigrinum var. plenescens (Double Tiger Lily) 20	
L. tigrinum var. splendens 12 1 33	5
L. Wallacei. See L. elegans, var. Wallacei.	

DAFFODILS, or NARCISSI

Early flowering bulbous plants, coming before the tulips and after the crocus. One of the most important groups; fine for cutting and of easy culture. Though any good garden soil suits, they prefer a rather stiff, deep soil, and if the situation is such that they are shaded from the sun a portion (a third or a half) of the time, so much the better. They do well among shrubbery. To get the best results, they should be set in August or September, to make a good root growth before winter. When late setting is done, the best results are postponed until the second season.

Many of the bulbs we plant in the fall, tulips, hyacinths, narcissi, etc., make a root-growth underground after being set. If we dig up such bulbs a week or two after they have been set, we are surprised at the new root-growth which has formed at the base of the bulbs. This root-growth is often made quite late and at low temperature. Therefore when such bulbs are planted quite late in the fall it is well to

place a thick covering of straw manure, leaves, or some sort of covering over them to keep out frost as long as possible, that this root-growth may continue even after the surface of the ground is frozen. I have seen fairly good results obtained in this way with late planting. The covering should come off with the early spring before the bulbs are up.

If by mail add 5 cts. per doz. for those without stars (*), and 10 cts. per doz. for those marked with a star.

To ets. per doz. for those marked with a star.	
Each	Doz.
Narcissus Beethoven. Chrome yellow trumpet and perianth, self color very distinct form of flower, a very refined Daffodil. Ready	
in September\$0 05	\$0 50
*Narcissus bicolor Empress. Very large flowers; white perianth. rich yellow trumpet; strong grower and fine for cutting. Per	
100, \$3.00	40
*N. bicolor Horsefieldii. Very large and early;	
yellow trumpet and white perianth 06 N. bicolor Victoria. A grand Trumpet Daffodil, with large bold erect flowers, perianth creamy white, trumpet rich yellow. Per	40
100, \$4.00	50
Daffodil). Per 100, \$1.50	35
N. Burbidgei. One of the most charming for cutting. Clear white cup, margined bright cinnabar red; a beautiful early-flowering form of Poeticus which comes before <i>Poeticus ornatus</i> . Very effective when bunched. The color of the cup is very rich when cut	
and opened under glass. Per 100, \$2.00 05 N. Burbidgei, John Bain. Large and broad white perianth, with small citron-yellow	40
cup and orange-scarlet edge 03	50

Eε	ich	Doz.
Narcissus Emperor. Large flowers with prim-		
rose petals and deep yellow trumpet. Per		
100, \$3.25	06	40
N. Henry Irving. Noted for its deep yellow,		
wheel-shaped perianth, and large and		
handsome yellow trumpet	05	50
N. Leedsii. Silvery white starry perianth;		
lemon-yellow cup, passing to white. A		
beautiful sweet-scented flower; fine for		
bouquets per 100, \$1.50	03	25
N. Leonie. A very large Incomparable, chrome		
yellow open cup, silvery white perianth.		
Ready in September	04	40
N. Mrs. Langtry. Broad white petals with		
large white cup edged yellow		25
N. poeticus per 100, \$1.00	03	25
N. poeticus. Scarlet Eyeper 100, \$1.00	03	25
N. poeticus. Pheasant's Eyeper 100, \$1.00	03	25
N. poeticus, ornatus. One of the earliest of		
Poet's Narcissi; a free bloomer, per 160, \$1	05	35
N. princeps	03	25
N. Jonquilla. Single yellow Jonquils; yellow		
fragrant flower per 100, \$0.90		25
N. Incomparable Sir Watkin. A grand flower.		40
N. Incomparable Frank Miles. Large soft clear		
vellow		25
N. incomparabilis, Double. (Butter and Eggs)		
A large and showy double variety. One of		
the largest of the double sortsper 100, \$2	05	. 35
N. Double Von Sion. Large golden yellow		40
N. Orange Phoenix. Double white and orange		
per 100, \$1.00		35
Mixed Daffodils, to naturalize in meadows, etc.		
A first-class mixture, comprising many of		
the best herein listed per 100, \$1	05	30
•		

CROCUSES

The ordinary spring-flowering Crocus will thrive in nearly all soils and positions. They do better planted in September than later or may be set in August.

Add 5 cts. per doz. if to be sent by mail.

			Doz.	100
Mixed	Crocus	es	\$0.10	\$0.40
6.6	6.6	Striped	10	45
£ 6	6.6	White	10	60
£ 6	6.6	Yellow	20	1 00
* *	6.6	Blue and Puple	10	40

TULIPS IN MIXED COLORS

Tulips like good drainage, and when planted over a gravelly subsoil or bottom succeed best. It is a good plan to surround bulbs with sand, unless they are put into a sandy soil. A depth of 4 inches is none too deep for cold climates. Set the bulbs 5 or 6 inches apart.

In ordering Tulips by post, add 6 cents per dozen for postage

	Doz.	100
Large Early Single	\$0 20	\$1 00
" Late "	25	1 00
" Early Double	20	1 00
" Late "	30	2 00
100 Tulips in the above four kinds, 2		\$1.15;
400 bulbs, 100 each, S.	3.50.	
Golden Crown Tulip	40	
Canary Bird	25	2 00
Cottage Maid. Fine rose, flushed	white.	
Ready in September	35,	
White Single	40	2 50

	Doz.	100
Duc Van Thol. Crimson	25	
" " White	25	
Mixed (600 for \$4.00)	20	1 00
Parrot · · · · · · · · · · · · · · · · · · ·	25	2 00
Artus. Single, bright scarlet	25	2 00
Darwins. Mixed	40	2 00
Duke of York · · · · · · · · · · · · · · · · · · ·	25	1 50
Queen Victoria. Large, white	30	2 10
Rembrant Early. Scarlet, large flowered.		
Ready in September	40	
Queen of the Netherlands. Rose, extra large.		
Ready in September	50	
Pax Alba	30	2 10
Tulip Alba Regalis. Creamy white, ready Sept	40	2 50
" La Reine. Rose white "	25	2 00
" Nellie. White " "	25	2 00
" Rosa Grisdelin. Soft rose, extra " "	25	2 00
' Byblooms. Fine late single sorts, mix-		
ed. Ready in September	40	3 00
" Bizards. Mixed. Ready in September	30	2 50

Miscellaneous Bulbs and Plants

Which, because they bloom early, or for other reasons, are set in autumn.

See my Spring Catalogue for cost of postage if sent by mail.

see my spring Catalogue for cost of postage if sent by	man.
Each	Doz
Arisaema triphyllum (Indian Turnip, or Jack-	
in-the-Pulpit · · · · · · S0 12	\$1 00
Chionodoxa Glory of the Snow. One of the	
best early blooming flowers. Bright	
blue. Per 100, \$1.25	25
Claytonia Caroliniana. (Spring Beauty) 06	55

Ea	ch	Doz.
Colchicum. A curious hardy bulbous plant,		
with foliage and fruit in early summer,		
while the flowers come in autumn. The		
foliage dies down before the flowers ap-		
pear. Stems 3 to 6 inches high. Some-		
times called the Autumn Crocus.		
C. autumnale. Reddish purple	08	80
* *	08	80
C. autumnale, var. album	-	
C. variegatum. Rose-purple	08	80
Dicentra Canadensis (Squirrel Corn)	10	1 00
Eremurus Himalaicus 1	00	
E. Robustus. See Spring List 1	25	
Galanthus Elwesii. Giant Snowdrop. Per		
100, \$1.50		25
Mertensia. (Virginica). The Virginia Cow-		
slip. See Spring List	15	1 50
Ornithogalum Arabicum (Star of Bethlehem).	06	80
Scilla amoena (Sibirica). Handsome, early,		
blue flowers	07	60
Muscaria Botryoides. Grape Hyacinths, white.		
Ready in September	50c n	er 100
Muscaria Botryoides. Grape Hyacinths, blue.	р.	
Ready in September	50c n	er 100
ready in September	OUC P	100

HYACINTHS FOR BEDS

Hyacinths like a light, loamy soil and full sun. A light coating of well-composted manure, if the ground is not already well supplied, will be of value. Plant about 3 inches deep and if the best flowers are desired the bulbs should be from 7 to 9 inches apart.

Add	16	cents	per	doze	n for	postage	if	bу	mail.
]	Read	y in	Sept	ember.			

,	Ea	ch	Doz.
Double White	.\$0	10	\$0 65
Single Red		10	60
Single White		10	60
Single Yellow		10	60
Double Red · · · · · · · · · · · · · · · · · · ·		10	60
Double Yellow		10	60

TRILLIUMS

American Wood Lily, Indian Shamrock, or Three-Leaved Nightshade.

For the Shady Corner.

Like most early-blooming plants, Trilliums give better results the following spring when planted in autumn in time to make their regular root-growth, which seems to take place a few weeks after the stems have died. They form a very pretty group, which comes into bloom early, and whose leaves make a good display after the flower has passed. Trilliums like a soil with a mixture of leaf-mold or peat, and for most of them a little well-rotted manure will be beneficial. Although they may, as a rule, be grown in the sun, partial shade is the most natural place. They look best when in good-sized groups. In a good position they will last almost indefinitely.

Add to cents per dozen if by post. See Spring Catalogue for description.

	See Spring Catalogue for description.
Trillium	cernum·····12 cts each
٠ (erectum · · · · · · 8 cts each, 80 cts per doz-
	erectum album
"	grandiflorum 5 cts each, 40 cts per doz, \$2.50 per 100
6.6	sessile giganteum · · · · · · 20 cts each
e	petiolatum
	stylosum12 cts each
6.6	undulatum (Painted T) 12 cts each S1 10 per doz

Plants Not Offered in Spring Calalogue

I	Each	D	oz.
Achillea Grandiflora. Tall with large flat cymes			
of white flowers	50 25		
Alyssum argenteum	15		
Aster Beauty of Colwall. Flowers double of a			
lavender shade	25		
Adlumia cirrhosa. Climbing fumitory, Moun-			
tain Fringe, Allegheny Vine, Hardy bien-			
nial vine which climbs over high bushes			
in moist woods. Flowers white or pur-			
plish. It reproduces itself year after year			
if in congenial locations	1.5	\$1	50
Campanula sarmatica	15		
" grandis. 2 ft., pale blue flowers	1.5		
Centaurea dealbata. Flowers rosy pink	1.5	1	50
Chrysanthemum coccineum var. Jas. Kelway.			
A fine dark single red	30		
Delphinium grandiflorum. Dark blue	15	_	50
Deiphinium grandiflorum. Light blue	1.5	1	50
Delphinium from seed of Herman Sterger.			
Many fine forms and colors	2()	5	00
Delphinium album. A charming white lark-			
spur·····	75		
Delphinium from select blue seed	15	1	50
Dianthus Plumaris Cyclops	15	1	50
Dictamnus. Mixed	15		
Epimedium Ikerasko	15		
" sulphureum	15		
" Nevium	15		
muschianum rubrum	15		
Echinacea angustifolia	20		
Hypericum calycinum	15	-	50
Hesperis matronalis. White	15	1	50

	Each	Doz.
Iberis sempervirens	12	
" saxatile. Snowflake	15	
Iris aurea. All yellow	20	
"Bridesmaid. White with soft lilac shade.	20	
Queen of May (Brooksiana)	20	2 00
"Velveteen. Pale yellow standards, dark		
velvet purple falls		1 20
" pumula hybrid. Early with purple flowers	12	1 20
" orientale. Snow Queen	20	
Lepachys pinnata	15	
Lupinus perennis. Paler blue than L. poly-		
phyllus	20	
Lupinus roseus	20	
Malva moschata. White	20	
" " Pink	20	
Lychnis Haageana	15	
" grandiflora		
" viscaria	12	
Mitella diphylla	15	
Paeonia Rosy Dawn. Fine single rose purple		
" Lady Helen Bromwell		
" Semi-double red	30	
" Potzi. A fine dark red sort	40	
Pentstemon hirsutum	12	
Phlox maculata. A good tall phlox which	L	
thrives in shade		
Phlox Gen. Heutze. Brilliant salmon red	20	
Podophyllum Emodii	25	
Platycodon Marisii	15	1 50
Saponaria oscymoides		
Sedum maximum		
Streptopus roseus. Twisted Stalk	20	
Thalictrum minus		
Viola cornuta alba	12	1 20
" White Perfection	12	1 20
" Blue Perfection	12	1.20

Each	Doz.
Viola sororia. A handsome form with white	
flowers with violet centre. A native of	
this state 12	1 20
" Chinensis. This has been sold as V.	
lanceolata, but it is not that species. Flow-	
ers purplish blue and showy	1 20
pedata. Birds Foot Violet	1 -0
pedata. Birds Poot violet	
WOODY PLANTS	
Each	Doz.
Aralia spinosa. Hercules Club, 3 to 4 ft \$0 20	
Azalea calendulacea 35	
Abies Fraseri. 18 to 24 inches 35	
Berberis Wilsoni. 12-18 inches	
Catalpa speciosa. 4-5 ft 35	
Cornus alternifolia. 1-3 ft	
Deutzia gracilis rosea. 2 ft 20	
Dirca palustris. 2 ft	
Lonicera flava	
Ligustrum Ibota Var. regelianum	
Liriodendron Tulipifera. 7-9 ft 50	
Picea Alcockiana. Alcock's Spruce. 12-18	
inches	
Populus augustifolia. 6 ft 50	
Betula alba purpurea. Purple-leaved Birch.	
7-10 ft	
	2 50
Ribes cynosbata. Wild Gooseberry. 2 ft 25	2 .50
Rubus sorbifolius	
Syringa. Edward Andre. 2 ft 40	
" Belle de Nancy. 7-10 ft 1 00	
Persica alba. 2 ft	

Wagner's Arbor Vitae. 12-20 inches with ball 40

Bargain List

These sets are made up mostly of plants mentioned in my Spring Catalogue of kinds of which I have the largest stock. We have more time to make these sets in autumn and offer them at lower rates on this account.

These offers are not open to spring delivery, because then we cannot spare the time they require in filling. Those wishing to take advantage of any offers for shrubs, trees, etc., in this list, for spring setting, can get them in November, and cover them in any well drained soil, leaving only the tips of the branches exposed, where they will keep in perfect condition, and may be set in spring as soon as the ground is ready. For cost of boxing trees and shrubs, see my Spring Catalogue. These prices do not include postage. Parties wishing these by mail will be given cost of postage upon application, where mailing is possible. We can ship safely by freight in autumn most of the plants we grow, even as far south as California. These offers are subject to surplus stock being sold. This stock is not a poorer grade than is used in filling orders for single or dozen lots. Deciduous trees and shrubs had better not be moved before October. Bulbs and plants which are entirely covered when set can be ordered until winter prevents.

Shrubs, trees and plants set in autumn, and mulched well before winter to prevent heaving, often do better than when set in spring, especially when spring setting is late. Trees may be banked up 6 to 10 inches with soil, shrubs mulched with 2 to 3 inches of straw manure, and herbaceous plants covered lightly with brush, pine boughs, buckwheat straw or any similar substance that will protect without smothering.

This protection for winter is very important for all plants, shrubs and trees set in the fall in our northern climate the first year. After they have become established the shrubs and trees and most of the herbaceous plants need not be covered.

Please do not ask us to divide these offers, nor to fill orders from this list after December first.

All Plants in these Sets are Perennial

	Except Canterbury Bells.	~~	
		Eac	
	Asters. 3 or more kinds		
	Native Wild Columbines $(A.\ Canadensis)\dots\dots$		25
	Mixed Columbines		00
20	Asclepias tuberosa	1	80
15	Boltonia asteroides		85
25	German Iris. In 5 kinds	1	50
20	" 2 or more yellow shades	1	4.5
25	" 3 or more, in blue or purple shades	1	55
	Siberian Iris. 2 or more forms		00
	Giant Camass		60
	Crown Veitch		25
	Canterbury Bells		20
	English Violets. Acclimated to Vermont		05
	Blue Bells of Scotland		60
25	Dianthus superbus	1	6.5
20	Foxgloves, 2 or more kinds	1	4.5
20	Pink Dragon Flowers	1	60
	Graceful Sunflowers		30
25	Single mixed Hollyhocks. To flower next year	1	50
15	Old Fashioned Camomile		95
20	Hardy chrysanthemums, 2 or more	1	4.5
20	Coreopsis. 2 kinds	1	45
20	Gaillardia. Blanket Flower (set early)	1	5.5
20	Perennial Poppies. 2 or more sorts	1	50

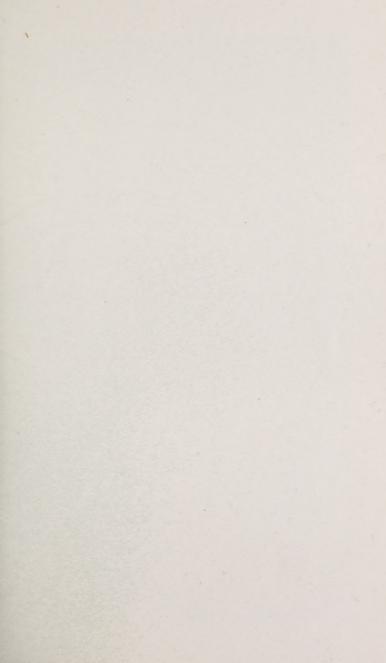
		Eac	ch.
15	Plantain Lilies. 2 or more. Nice in shade	1	05
20	Wild Crane's Bill. Geranium Muculatum. For		
	shade	1	35
	Perennial Sunflowers. 2 or more kinds	1	75
15	Orange Day Lilies. Will grow in shade or sun		75
15	White Iris. (Orris Root)	2	25
20	Mixed German Iris		80
25	Iris stylosa	1	25
25	Iris Sibirica	1	00
15	Iris Cengialti	1	25
20	Creeping Phlox. Moss Pinks	1	60
25	Oriental Poppies	1	90
25	Iris pumula in 2 or more colors, including yellow	1	35
	Lilium elegans		80
25	Lilium tenuifolium	2	25
	Lupines	1	80
18	Lilium elegans. In 3 or more hardy forms	1	20
	Lilies. In 5 kinds. My selection	2	00
	Sedums. In 3 kinds. For rockwork. (Set early)	1	50
	Hardy Lupines. Mixed	1	75
	Paeonias. Several kinds. 3 or more buds, each.	3	75
	Seedling Paeonias. Mixed 4-7 buds	1	50
20	Low Growing, or Creeping Phlox. 2 sorts. Set		
	early · · · · · · · · · · · · · · · · · · ·	1	50
	Sanguinaria, or Blood Root. For shade	1	00
	Trilliums. 2 or more kinds		75
	Tufted Pansies. 3 or more kinds and colors		65
	Dutchmans Breeches, for shade	1	00
	Squirrel Corn, for shade		90
	Hardy Violets. 3 kinds		00
	Vines and Climbers. 3 or more sorts		75
	Red Maples. 3-5 ft		50
	Maples. 3 or more kinds, 3-5 ft		25
	Box Maples. 5-8 ft. A rapid grower		50
25	Sugar Maples. 6-7 ft		25
25	Dogwoods. Cornels. 3 or more. 2-5 ft	2	50

	Each.
20 Bush and Vine Honeysuckles. 2 or more kinds	
15 Hardy Spiraeas. (Shrubs). 3 or more	
25 Hemlocks. 12-20 inches. (Before September 15).	
Roots done in burlap	3 50
20 Viburnums. 3 kinds. 2-5 ft	
36 Shrubs. For bed or border. 5 kinds. My selec-	
tion	4 50

It must be understood that I will not fill orders from above list after surplus stocks are gone, nor will I divide the sets.

F. H. HORSFORD,

Charlotte, Vermont.







Bulb and underground root systeme of Lilium longiflorum

